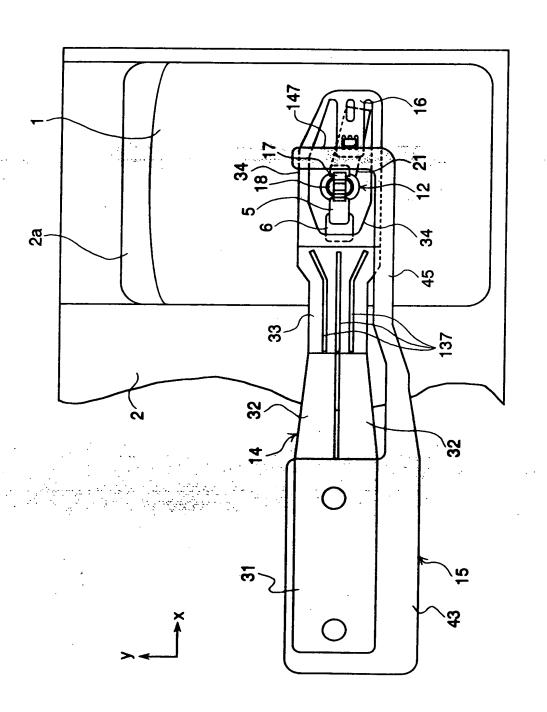
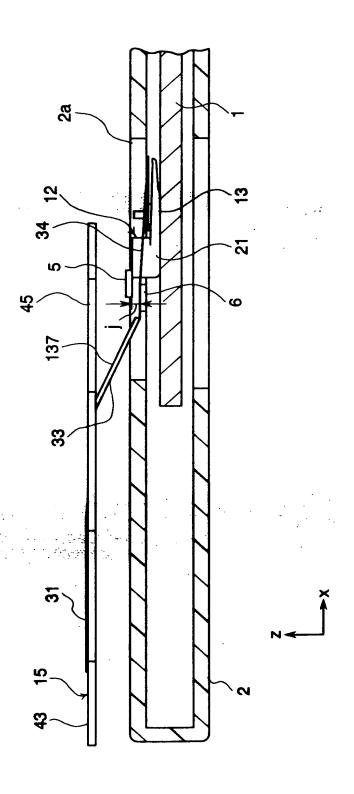
Inventor: MURAKAMI et al.
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Title: MAGNETIC HEAD DEVICE AND RECORDING/REPRODUCING APPARATUS
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
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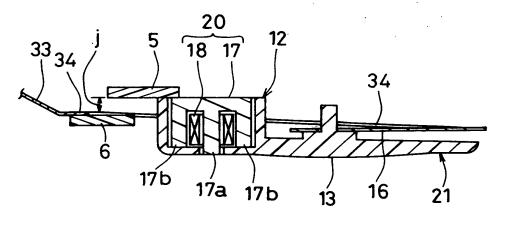




FIG. 3

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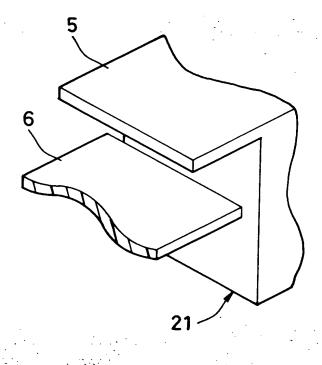
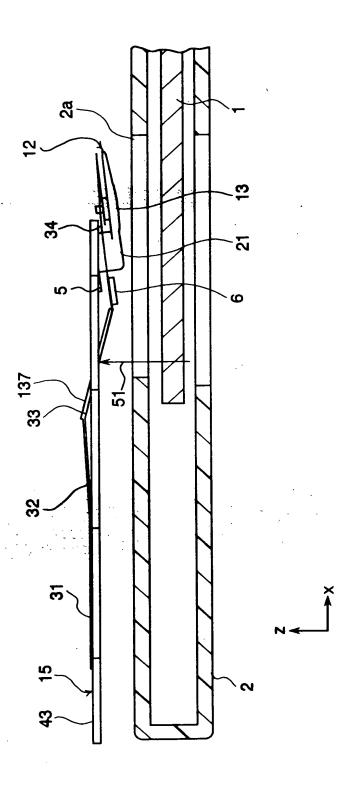


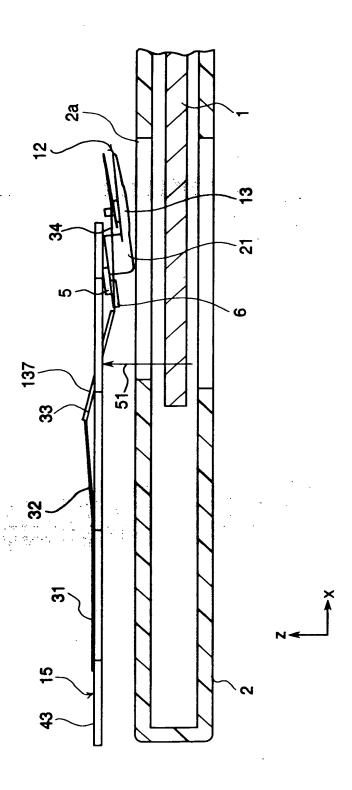


FIG. 4

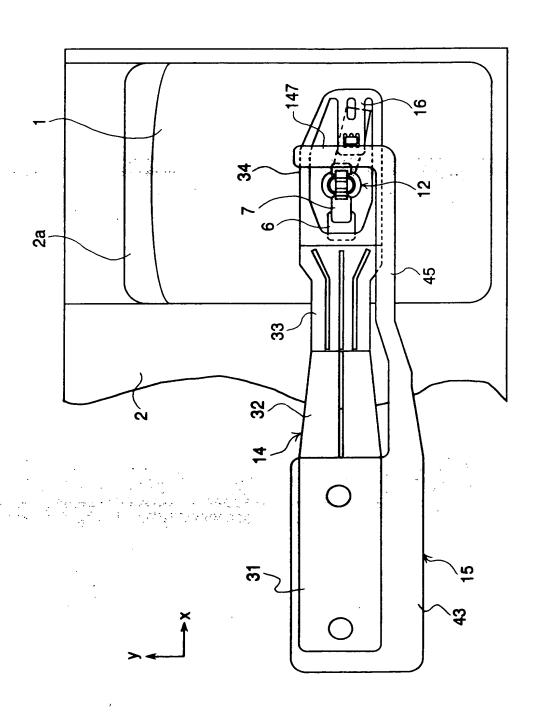
Inventor: MURAKAMI et al.
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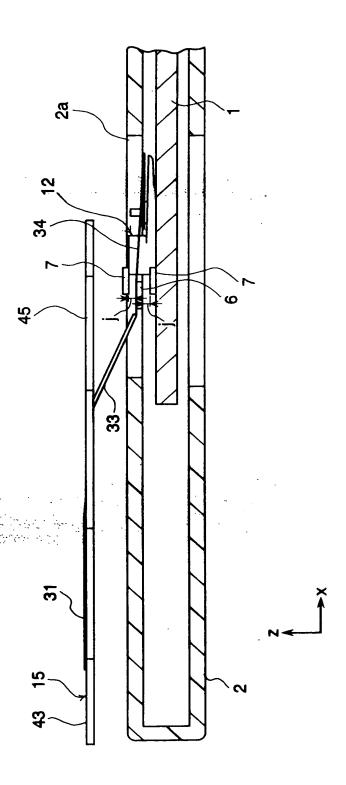
Inventor: MURAKAMI et al.
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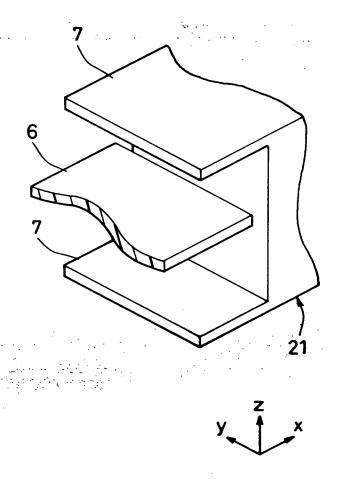
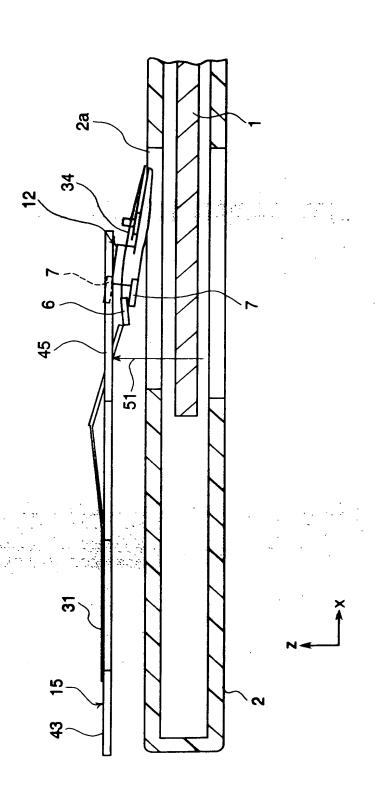
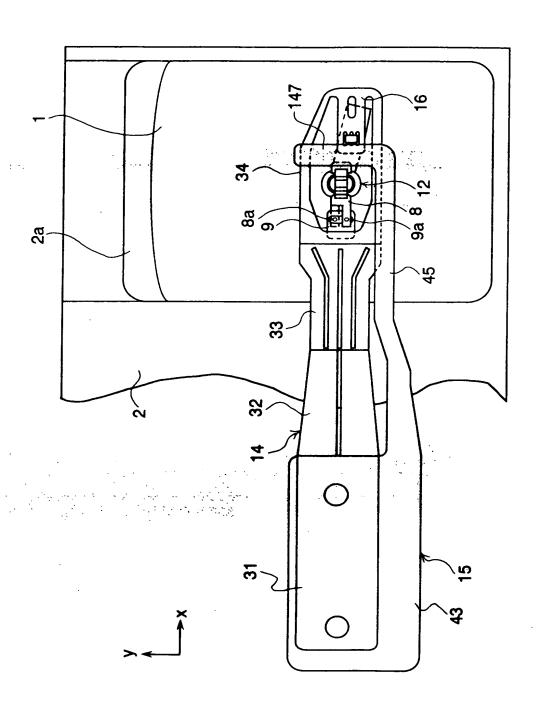


FIG. 9

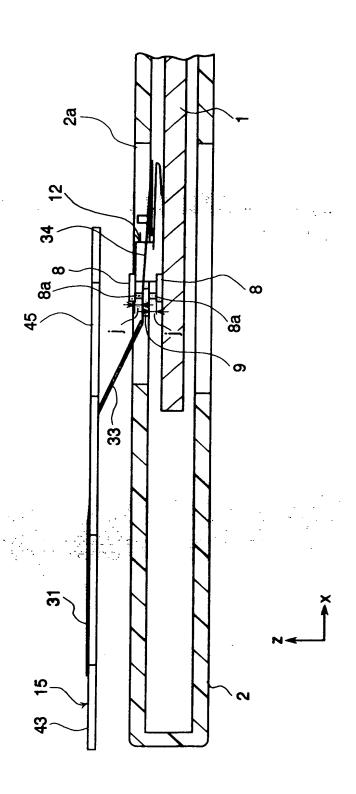
Inventor: MURAKAMI et al.
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Attorney Name: Douglas P. Mueller
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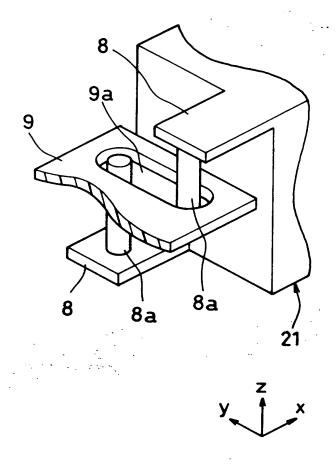
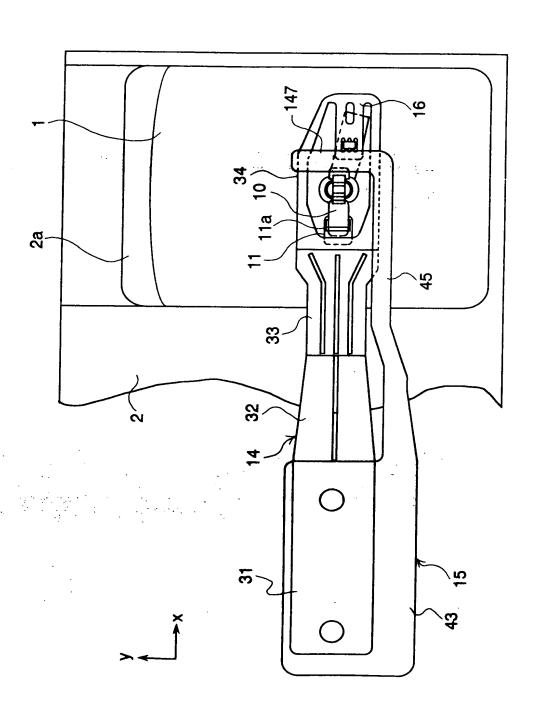
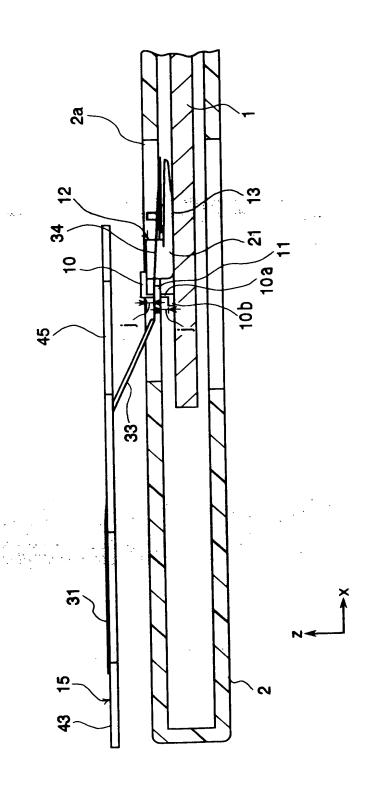


FIG. 13

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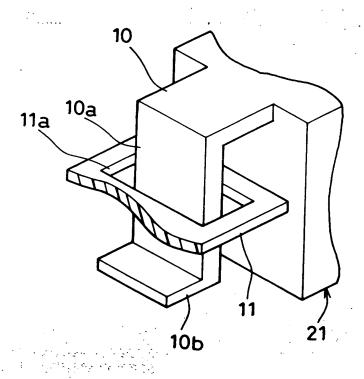
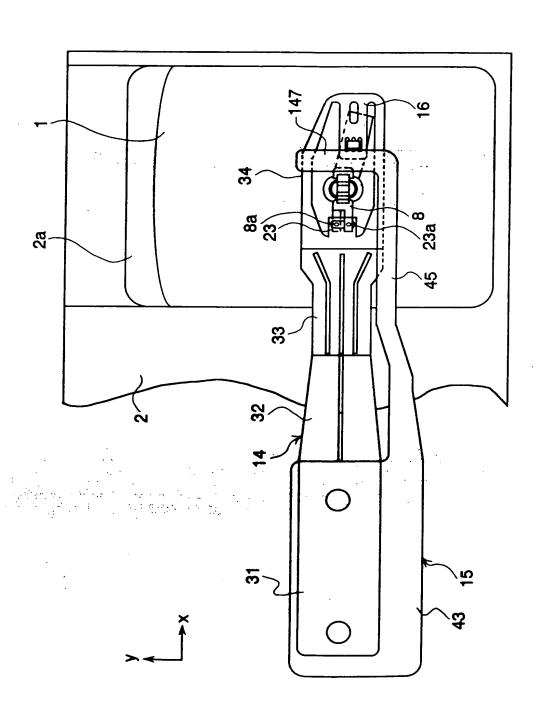
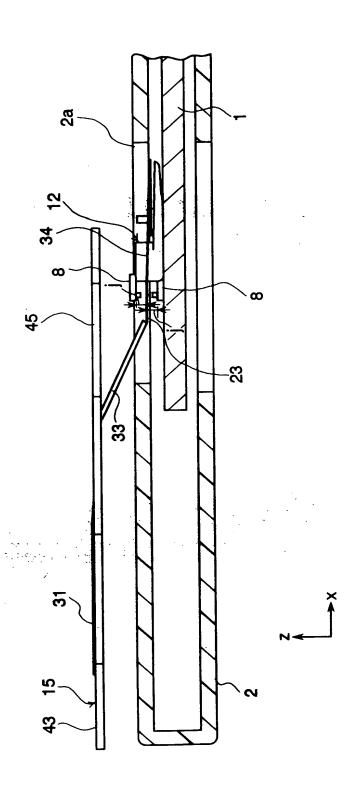


FIG. 16

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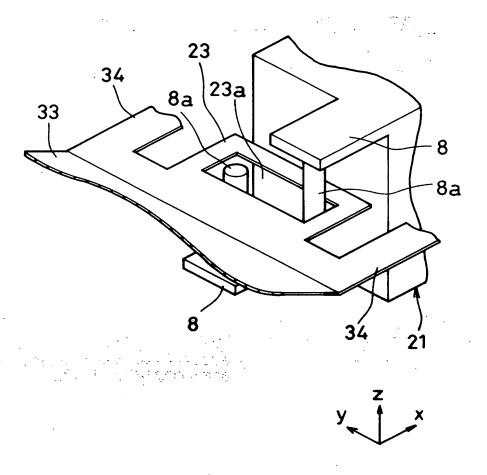
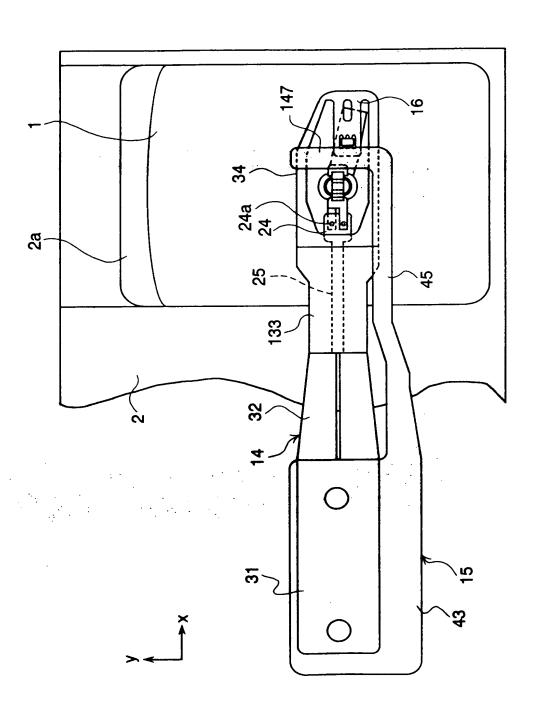
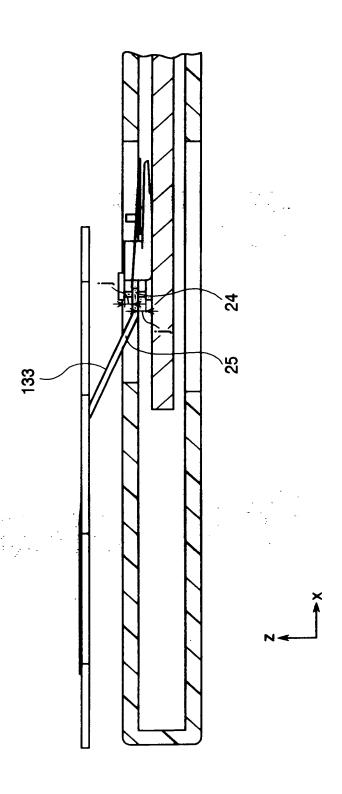


FIG. 19



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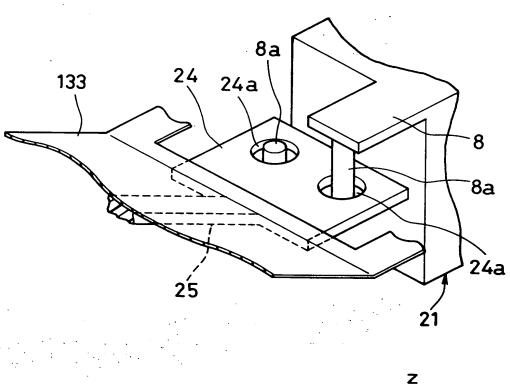




FIG. 22

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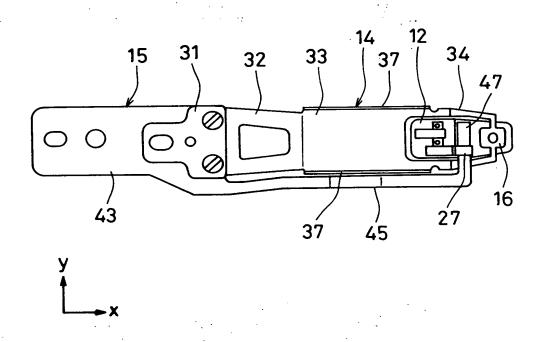


FIG. 23

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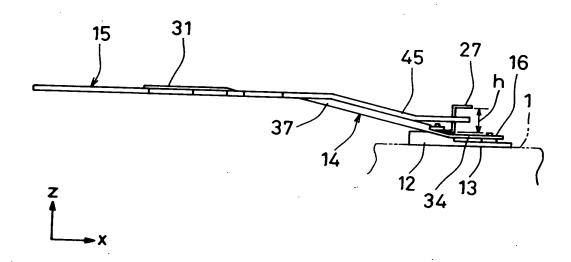


FIG. 24

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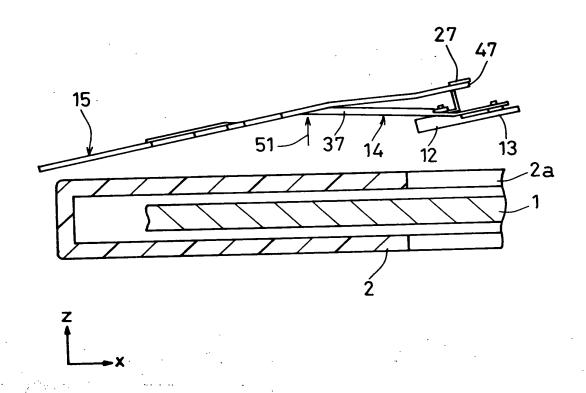
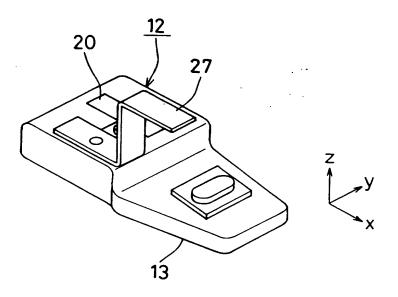


FIG. 25

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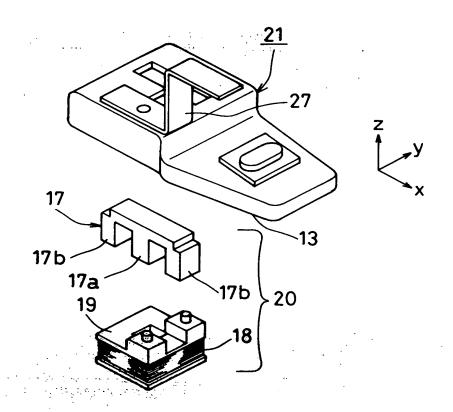
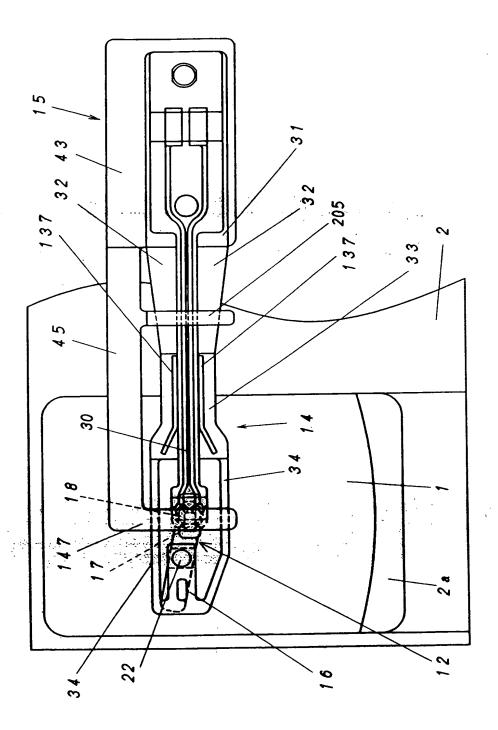


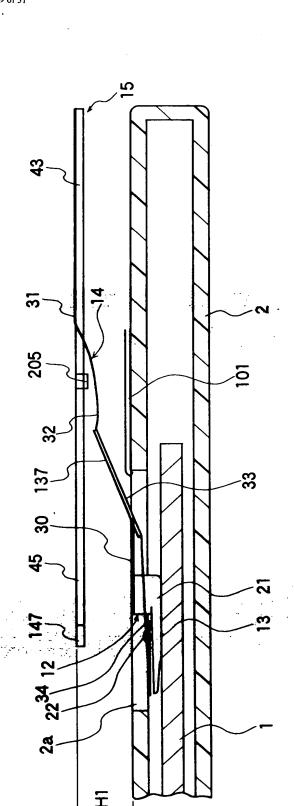
FIG. 27

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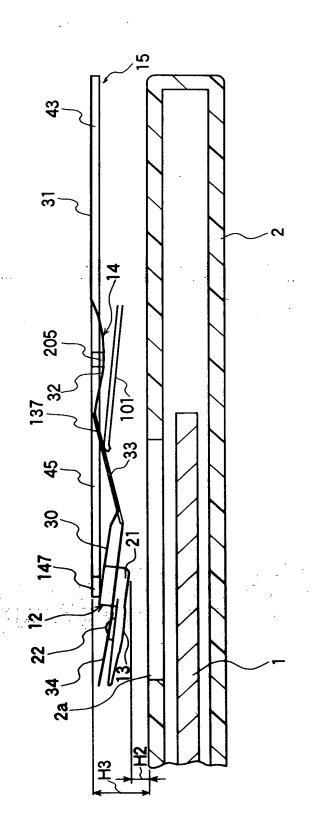


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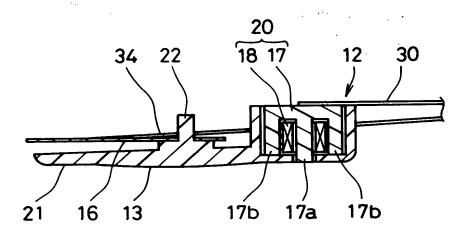
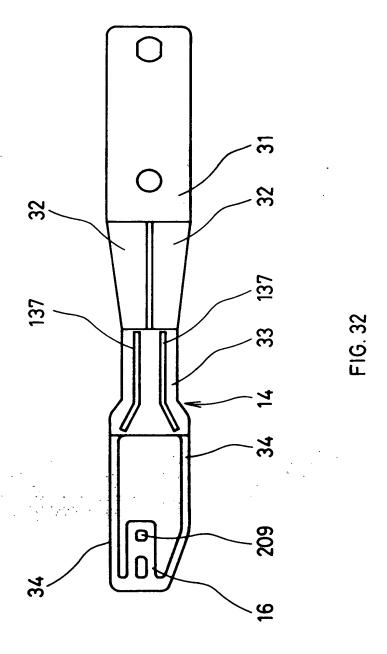
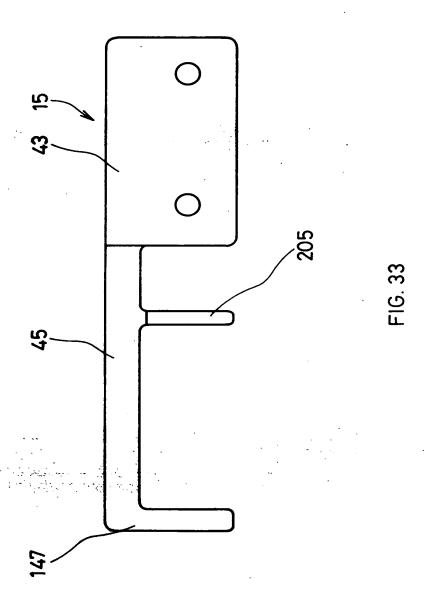


FIG. 31

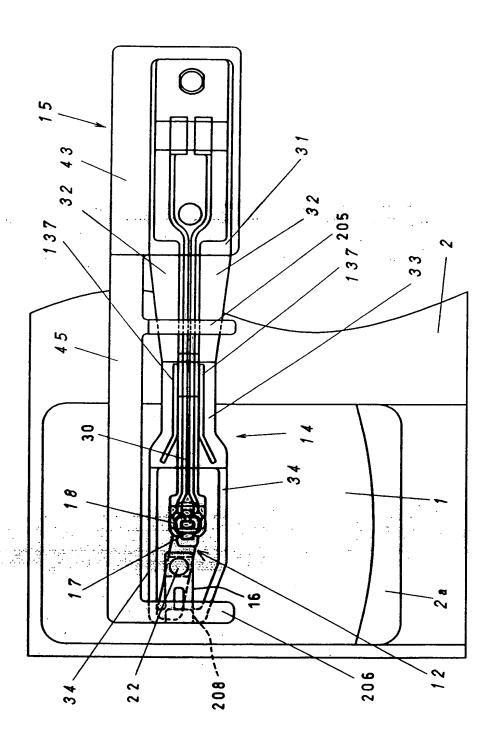
Inventor: MURAKAMI et al.
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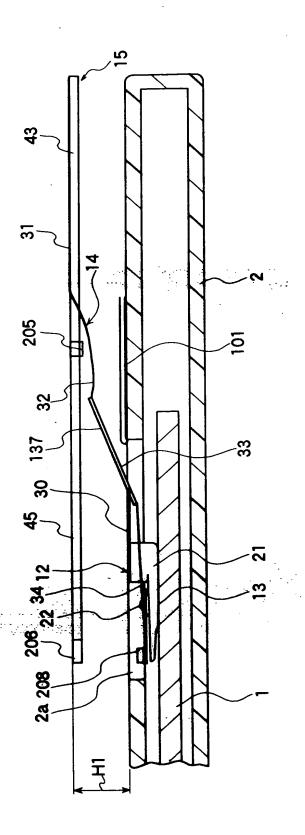
Inventor: MURAKAMI et al.
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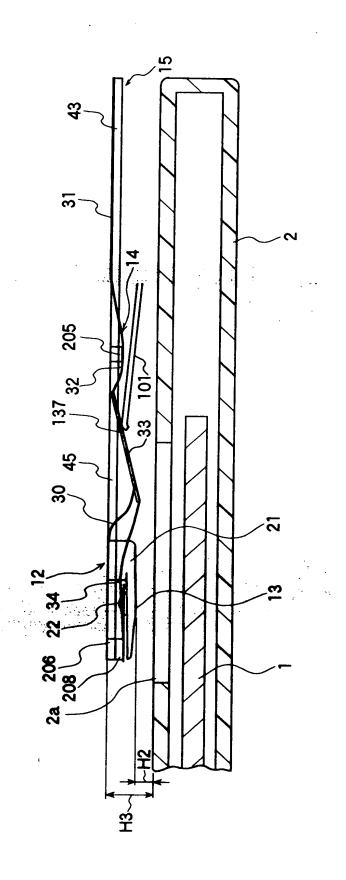
Inventor: MURAKAMI et al.
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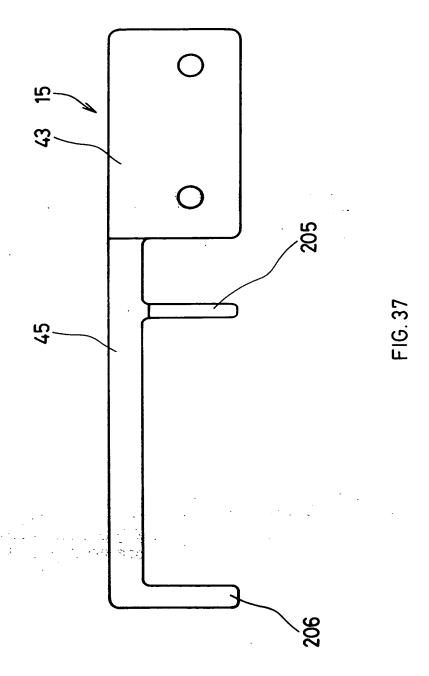
Inventor: MURAKAMI et al.
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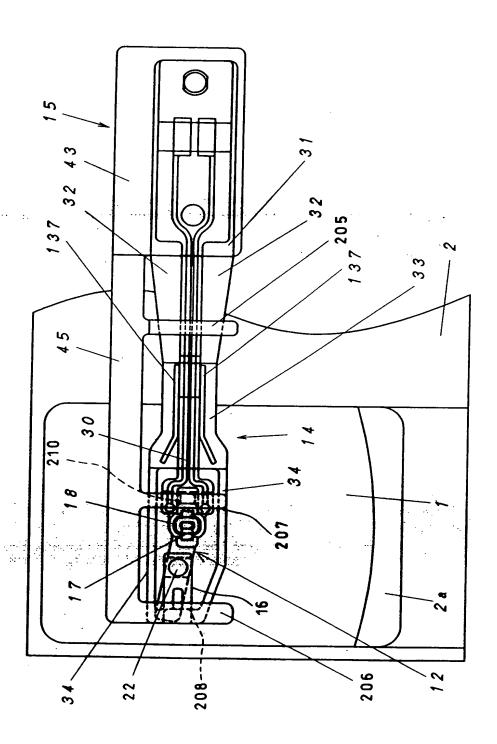
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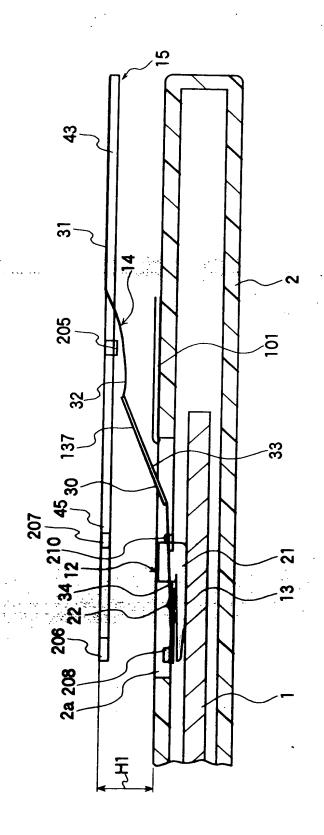
Inventor: MURAKAMI et al.
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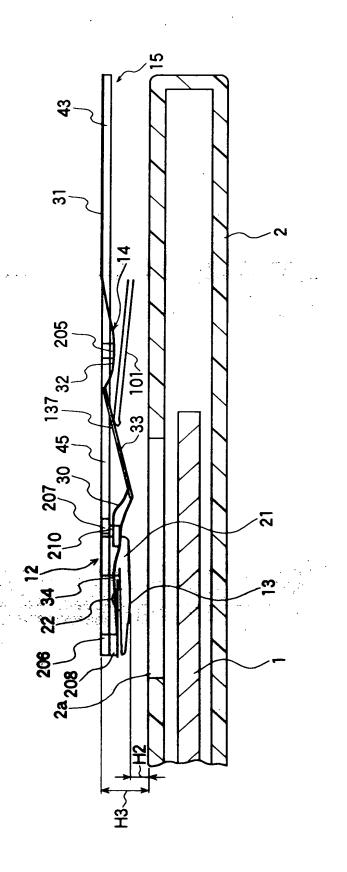
Inventor: MURAKAMI et al.
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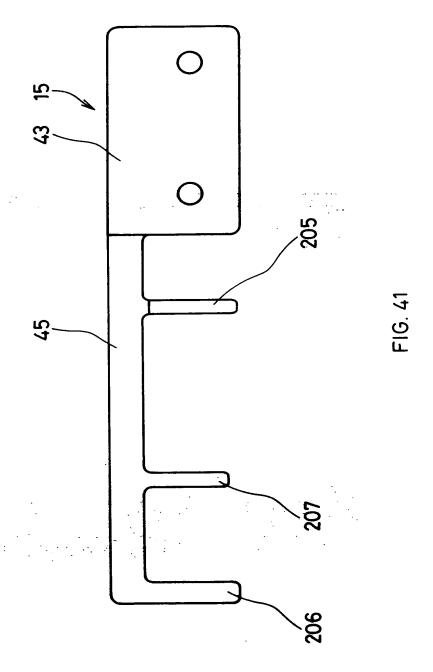
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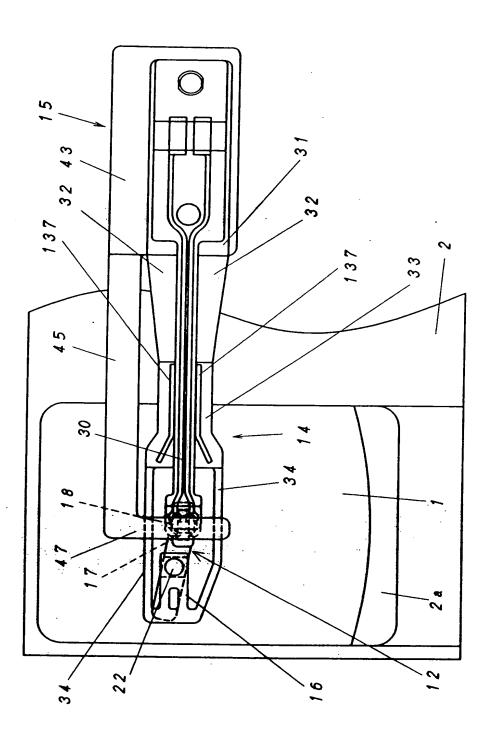
Inventor: MURAKAMI et al.
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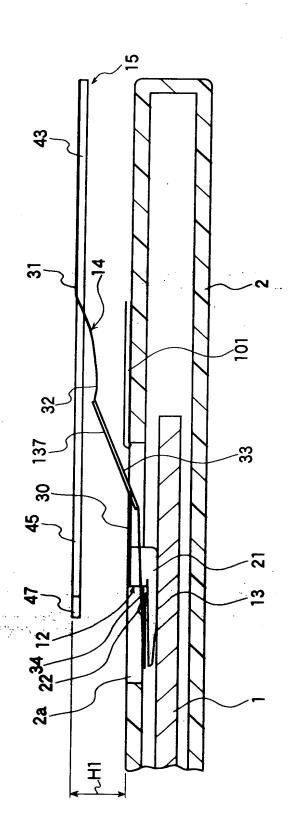
Inventor: MURAKAMI et al.
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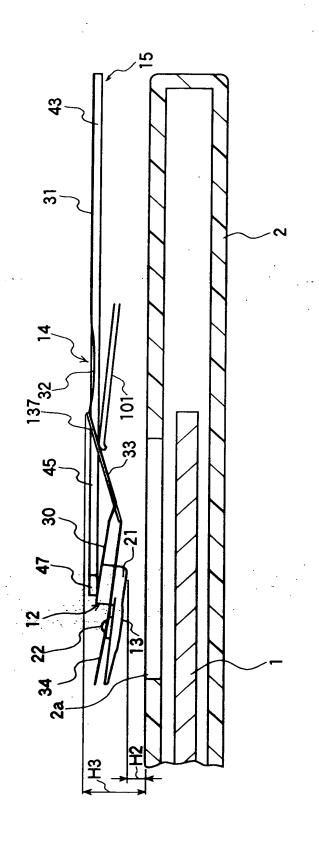
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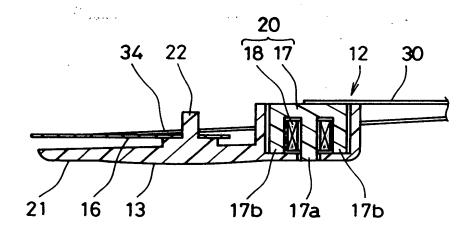


FIG. 45

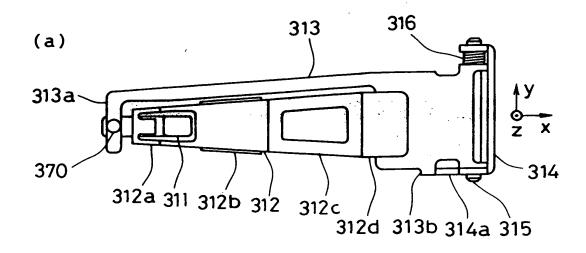
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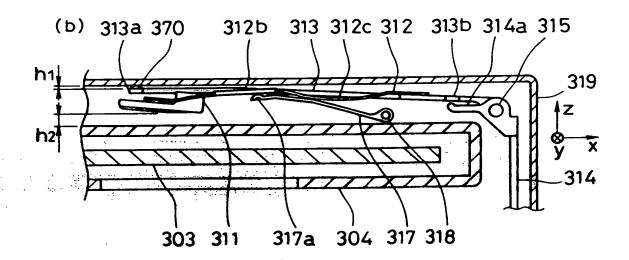


FIG. 46

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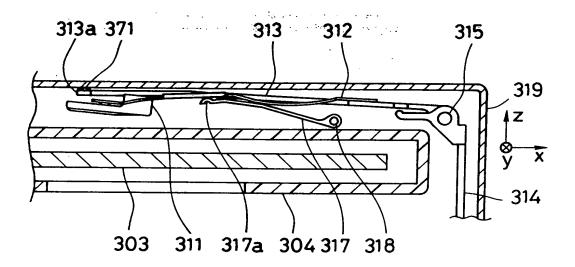
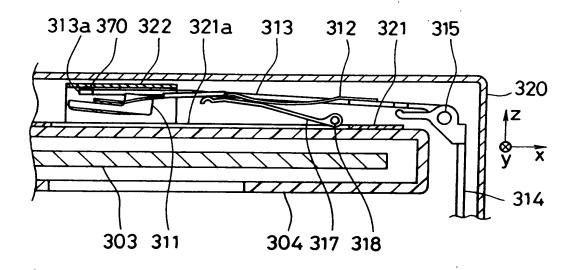
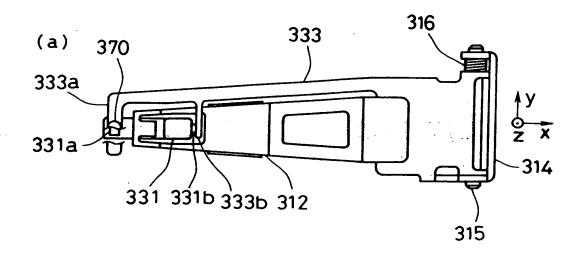


FIG. 47

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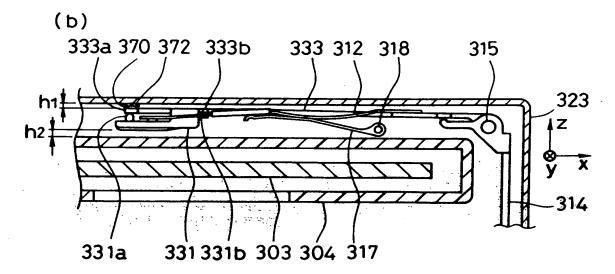
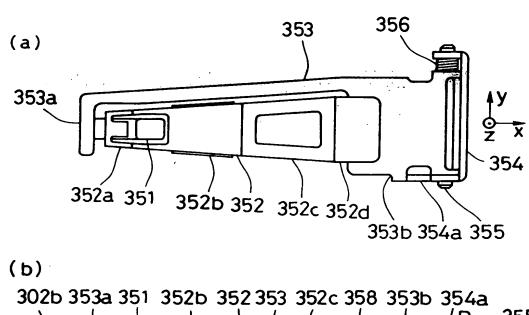


FIG. 49

Inventor: MURAKAMI et al. Docket No.: 10873.0577USC1

Title: MAGNETIC HEAD DEVICE AND RECORDING/REPRODUCING APPARATUS Attorney Name: Douglas P. Mueller

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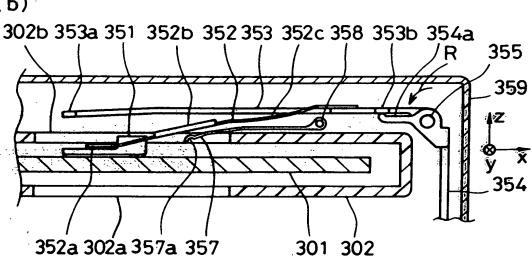
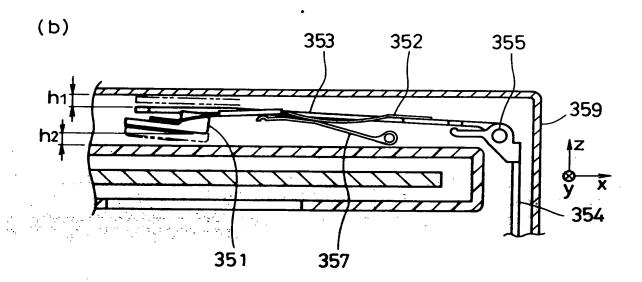


FIG. 50

Inventor: MURAKAMI et al.
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Attorney Name: Douglas P. Mueller
Plone No.: 612.371.5237
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FIG. 51